

IRRIGATION BY DIFFERENT SOURCES

DISTRICT : PALI

Pali district has total geographical area 12,387 sq.km. The area under irrigation is 2824.02 sq.km. which is about 22.79 per cent of the total geographical area of the district. The main source of irrigation in the district is wells, which constitute 75 per cent of total irrigated area followed by ponds tanks 20 per cent, tube wells 5 per cent.

In all; district has 92 dams out of which three dams, one each at Gajni, Potalia and Chipatia are broken. Total catchment area of all the dams is 238150.14 acres. The capacity of 89 dams was 20197.3 million cubic feet in 1989-90. The largest dam in the district is Jawai dam (in Bali tehsil) whose storage capacity is 7887.5 million cubic feet and covers an area of 102315 acres of cultivable command area.

Several major, medium & minor irrigation projects exists in the district important ones are:

1. Major:

- (A) Jawai Dam (Bali Tehsil), Capacity 41406 CCA in ha.
- (B) Sardar Samand (Sojat Tehsil), Capacity 10321.06 CCA in ha.

2. Medium:

- (A) Hemawas Band (Pali Tehsil), Capacity 8296.75 CCA in ha.
- (B) Kharda Bundh, Capacity 2145.31 CCA in ha.
- (C) Raipur Luni (Raipur Tehsil), Capacity 2367.90 CCA in ha.
- (D) Girdin (Pali Tehsil), Capacity 2428.20 CCA in ha.

3. Minor:

13. in Pali, 29 in Bali, 17 in Sojat, 9 in Marwar Junction, 10 in Desuri, 6 in Raipur and 5 in Jaitaran.

Tehsil wise Irrigated area by different sources

Year 1995-96
Area in hectares

S. No.	Name of the Tehsils	Total Irrigated Area	per cent Irrigated Area				
			Tube wells	Wells	Ponds/Tanks	Canals	Others
1.	Bali	71975	Neg.	68	32	-	-
2.	Desuri	40799	-	92	8	-	-
3.	Jaitaran	35282	27	71	2	-	-
4.	Marwar Junction	39069	6	87	7	-	-
5.	Pali	46857	1	54	45	-	-
6.	Raipur	22845	-	89	11	-	-
7.	Sojat	25575	4	86	10	-	-

Tehsil wise net and gross Irrigated area

Year 1995-96
Area in hectares

S. No.	Tehsil		Net Irrigated Area		Gross Irrigated Area	
	Name	Area	Area	% of Total Area	Area	% of Total Area
1.	Bali	232807	63419	27.24	71975	19.34
2.	Desuri	139228	30984	22.54	40799	29.30
3.	Jaitaran	133405	30744	23.04	35282	26.44
4.	Marwar Junction	140437	33006	23.50	39069	27.82
5.	Pali	307798	45690	14.84	46857	15.22
6.	Raipur	99644	18543	18.61	22845	22.93
7.	Sojat	164760	23364	14.18	25575	15.52

